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A logical account of **NGSCB**[psu.edu \(PDF\)](#)

M Abadi, T Wobber - Lecture notes in computer science, 2004 - Springer

... We hypothesize the presence of a certification authority CA that makes statements that are globally trusted. In particular, we trust CA to specify the set of acceptable **NGSCB** nodes and the set of trusted **Nexus** and NCA software images; we express this trust as follows: ...

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M Barrett, C Thomborson - ... Workshop on Certification and Security in ..., 2004 - Springer

... Despite the open nature of the **NGSCB** system, that according to Microsoft will allow anyone to write a **nexus** and NCA themselves [Gra03], this hierarchy of identities will remove some of the freedom of choice that may initially appear to be present. ...

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M Barrett - Citeseer

... User input spoofing Other manufacturers are expected to release printers, speakers, etc Page 24. **NGSCB** How open will it be? Open-source code review Can others write their own **nexus**? Microsoft's code review process **Nexus** is small Easy to maintain, find bugs ...

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RW Frenz

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C Thomborson - ... and security in inter-organizational E-services: ..., 2005 - books.google.com

... These are referred to as Page 73. Using **NGSCB** 59 **nexus** computing agents (NCAs), and run separately from both other NCAs and normal programs. The police officer can be trusted to enforce the operating restrictions of **NGSCB** as it is fixed in hardware. ...

[Related articles](#)

[PDF] How trustworthy is trusted computing?umich.edu [PDF]S.J. Vaughan-Nichols - Computer, 2003 - www.personal.sj.umich.edu

... Components **NGSCB's nexus** component would function like an OS microkernel to manage trusted code throughout the system and enforce user choices. The technology requires a new basic machine instruction set and CPU ...

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... environment. **NGSCB** creates a "secure, parallel" operating system 108, known as the "**Nexus**," which runs alongside the Windows operating system. 109 ... NCA's"). 114 The **NGSCB Nexus** runs all of the NCA's for a given computer. 115 ...

[Cited by 18](#) - [Related articles](#)[CITATION] STS 200-7 Professor Pfaffenberger April 28 th, 2004

G. Smith

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... The **NGSCB** solution is to encrypt the data channel between the **Nexus** and the hardware adapters. ... According to the currently available documentation about **NGSCB**, several implementations of the **Nexus** kernel can alternatively be used. ...

[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [All 18 versions](#)Automated banking machine component authentication system and method

D. Parsons, J. Edwards, D. McCoy, J. Block - US Patent 7,229,009, 2007 - Google Patents

... 12, 2007 Sheet 8 of 8 430 432 r 410 400 ATM Computer Standard Mode414\ **Nexus** Mode ^-418 Operating System Kernel Mode User Mode _ ^-422 Terminal Control ATM software components XFS layer TPM (SSC) PKI Key Pair Encryption Functions Secure Storage ...

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